

REPORT DOCUMENTATION PAGE

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4. TITLE AND SUBTITLE ASSERT: Augmentation Grant on Working Memory Capacity		5. FUNDING NUMBERS G F49620-97-1-0395	
6. AUTHOR(S) Randall Engle			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Georgia Institute of Technology School of Psychology/GTRC Atlanta, GA 30332-0170		8. PERFORMING ORGANIZATION REPORT NUMBER G42-699	
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11. SUPPLEMENTARY NOTES The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other documentation.			
12 a. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release; distribution unlimited.		12 b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) This grant funded three graduate students and 11 undergraduates over the three year period. The students were actively involved in research on the relationship between working memory and sustained and focused attention. That work has resulted in numerous publications and conference presentations demonstrating that individuals who score in the bottom quartile on measures of working memory capacity show more errors and/or are slower in the Stroop task than high WM individuals. Further, low WM individuals are impaired on the antisaccade task, suffer greater levels of proactive interference, show greater distraction from irrelevant tones in a delayed tone-matching task and have difficulty flexibly allocating their attention in a visual attention task.			
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Final Technical Report for AASERT

AFOSR GRANT #F49620-97-1-0365

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The general objectives of the grant were to hire graduate and undergraduate students to do work associated with grant F49620-97-1-0041. Over the three year, three graduate students and 11 undergraduates were supported at some level by the grant. Those experiments and the results are described fully in the final technical report for that grant. The combination of the two grants was incredibly successful in producing publishable scholarship AND fostering the education of a large number of students. The status of the students, if known, is reported beside their name.

Individuals on the grant:

Kate Bleckley, Graduate Student - Has finished and has a tenure track position at Texas Tech.

David Zachery Hambrick, Graduate Student, now has a tenure track position at Michigan State University.

Tabitha Payne, Graduate student, making good progress toward Ph.D.

Jeremy Reynolds, Undergraduate Student, now a graduate student at Washington University

Tim Marriott, Undergraduate Student, employed by local software company

Nicole Kryzyniak, Undergraduate Student, employed by local consulting company

Michael Peterman, Undergraduate Student, now a graduate student at University of North Carolina/

Jordon Gray, High School and then Undergraduate Student, still an undergrad

Wesley Schiel, Undergraduate Student, currently employed by local computer company

Russell Smith, Undergraduate Student, will finish this year and is planning graduate school.

Courtney Lessel, Undergraduate Student, now employed by Dell Computer.

June Cai, Undergraduate Student

Kristi Watson, Undergraduate Student

Cathrine Jamal, Undergraduate Student

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